## **EAST Search History**

## EAST Search History (Prior Art)

Ref#	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L3	22	("3301603"   "3622151"   "3734567"   "4180153"   "4354796"   "4398629"   "4523753"   "4538364"   "5232079"   "5308052"   "5379992"   "5947258"   "6045278"   "6241427"   "6630633"). PN. OR ("6808358").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/16 23:20
L4	543	((414/676) or (406/86)).CCLS.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/06/16 23:26
L5	10659	(separat\$3 eject\$3 sort\$3) same (nozzle jet blast pneumatic) near3 (block array (two near3 dimensional))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/16 23:26
L6	10659	L5	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/16 23:26
L7	2	l4 and l5	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/16 23:27
S1	2699	((271/2,194,207) or (209/584,44.2,644,623,900)).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/08 11:54
S2	827	(209/584,900).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/08 11:42
S3	1887	((271/2,194,207) or (209/44.2,644,623)).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/08 11:43
S4	15	S2 and S3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/08 11:43
S5	11	("3301116"   "3884010"   "3952874"   "4576287"   "4625497"   "4863037").PN. OR ("5131545").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/08 11:52
S6	106	((mail envelope document postal flat) near3 (handl\$3 insert\$3 sort\$3 process\$3 feed\$3)) same ((receptacle bin container pocket carrier) and (blower ((fluid air) near2 (blast jet))))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/25 13:39
S7	2877	((271/2,194,207) or (209/584,44.2,644,623,900,922,932)).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/08 11:57
S8	0	("l6andl7").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/08 11:54

S9		S6 and S7	US-PGPUB;	OR	ON	2006/06/08
39	,	oo and o/	USPAT; EPO; JPO; DERWENT; IBM_TDB	Or	ON	11:55
S10	3074	(((271/2,194,207) or (209/584,44.2,644,623,900,922,932) or (414/269,272)).COLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/25 13:41
S11	821	((mail envelope document postal flat) near3 (handl\$3 insert\$3 sort\$3 process\$3 feed\$3)) same (pneumatic blower ((fluid air) near2 (blast jet)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/29 17:07
S12	4097	((271/2,207,211,220,314) or (209/584,44.2,644,623,900,922,932) or (414/331.03)).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/08 17:11
S13	27	S11 and S12	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/08 12:41
S14	20	S13 not S9	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/08 12:42
S15	30	("2917884"   "3181685"   "3409129"   "3666093"   "3782541"   "3987902"   "4167476"   "4468165"   "4507739").PN. OR ("4627540").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/08 13:21
S16	17	("3643798"   "3757939"   "4479187"   "4501528"   "4567988"   "4627540"   "4907699"   "4963251"   "5119954"   "5271703"   "5459670").PN. OR ("5977501").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/08 13:25
S17	14	("4244672"   "4915209"   "5150891"   "5634562"   "5667078"   "5860504"   "5977501"   "6082521"   "6107588"   "6129199"   "6227378"   "6274836"   "6793063"   "6808058").PN. OR ("6978192").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/08 13:27
S18	9	("3125230"   "4244672"   "4629172"   "5125783"   "5349968"   "5755316"   "5860504").PN. OR ("6793063").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/08 13:27
S19	2	("5360316"   "5984303").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/08 13:27
S20	2	("3834289").PN. OR ("5984303").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/08 13:28
S21	2	("3125230").URPN.	USPAT	OR	ON	2006/06/08 13:31
S22	13	("2936556"   "3125230"   "3302804"   "3788640"   "3791515"   "3837484").PN. OR ("4067459").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/08 13:31
S23	9	("2617527"   "3980553"   "4244672"   "5994657").PN. OR ("6227378").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/08 13:36
S24	6	(("2917884").URPN.	USPAT	OR	ON	2006/06/08 14:22
S25	13	("2917884"   "3628309").PN. OR ("3939621").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/08 14:26
S26	375063	(carousel ((circ\$5 loop) near2 (carriage convey\$3 stor\$3 system)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/08 14:27
S27	1656	((mail envelope document postal flat) near3 (handl\$3 insert\$3 sort\$3 process\$3 feed\$3 inject\$3)) same (pneumatic blow\$3 ((fluid air) near2 (blast jet)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/08 18:06

		(198/370.01,370.05),CQLS.	TIE DODI ID:	;	OFF	3006/06/09
S28	265	(198/3/0.01,3/0.05).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/08 14:30
S29	360	(198/370.01,370.03,370.05).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/08 14:34
S30	1	S27 and S29	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/08 14:30
S31	57	S26 and S27	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/08 14:30
S32	10	("3645378"   "4688678"   "4895242"   "5042667"   "5147048"). PN. OR ("5994657").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/08 14:48
S33	8	("4149637"   "5680935"   "5994657").PN. OR ("6213310").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/08 14:48
<b>S</b> 34	41	("1885276"   "2001220"   "2016030"   "2778644"   "2950005"   "3595388"   "3897954"   "4388994"   "4497488"   "4512580"   "4513969"   "4515367"   "4586712"   "4659082"   "4662637"   "4667959"   "4759448"   "4770421"   "4876000"   "5121921"   "5356145"   "5382024"   "5431399"   "5683085"   "5944310"   "5989122"   "6149154"   "6213310"   "6250632"   "6254096"   "6267248").PN. OR ("6676127").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/08 14:49
S35	46	("3679876"   "4534562"   "4586712"   "4662637"   "4667959"   "4822050"   "5067713"   "5240140"   "5374061"   "5397133"). PN. OR ("5989122").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/08 14:58
S36	2	"6644461"	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/08 14:58
S37	18	("3651985"   "4210237"   "4768642"   "4991708"   "5038915"   "5054763"   "5551550"   "5653328"   "5775067"   "5826637"   "5979636"   "6019213"   "6131372"   "6253904"   "6286290"   "6292710"   "6308817").PN. OR ("6644461").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/08 15:00
S38	61	("1815372"   "2923392"   "3219171"   "3476231"   "3542215"   "3608775"   "4180154"   "4238027"   "4250688"   "4353276"   "4375845"   "4399905"   "4441003"   "4611801").PN. OR ("4768642").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/08 15:04
S39	2	("2956668").URPN.	USPAT	OR	ON	2006/06/08 17:07
S40	6179	(mail envelope sheet document postal flat) and ((handl\$3 insert \$3 sort\$3 process\$3 guid\$3 deflect\$3 feed\$3) near2 (pneumatic blower ((fluid air) near2 (blast jet))))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/08 17:17
S41	4445	((271/2,207,211,220,314) or (209/584,44.2,644,623,900,922,932) or (414/331.03) or (198/370.01,370.03,370.05)).OCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/09 10:15
S42	26	S40 and S41	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/08 17:12
S43	3556	(mail envelope sheet document postal flat) and ((guid\$3 deflect \$3 feed\$3) near2 (pneumatic blower ((fluid air) near2 (blast jet))))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/25 14:04

S44	400	S43 and ("198"/\$.ccls. "209"/\$.ccls. "414"/\$.ccls. "271"/\$.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/08 17:49
<b>S</b> 45	27	S26 and S44	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/08 17:22
S46	504	(209/44.2,644,932).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/08 17:48
S47	7	S43 and S46	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/08 17:48
S48	220	(mail envelope postal flat) same ((guid\$3 deflect\$3 feed\$3) near2 (pneumatic blower ((fluid air) near2 (blast jet))))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/08 18:06
S49	220	S40 and S48	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/08 17:49
S50	21	\$48 and ("198"/\$.ccls. "209"/\$.ccls. "414"/\$.ccls. "271"/\$.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/08 17:50
S51	30	("2512083"   "2966253"   "3077264"   "3166312"   "3217859"   "3222110"   "3305128"   "3330403"   "3397922"   "3404921"   "3419015"   "3465869"   "3707217"   "3853016"   "3885683"   "3921790"   "Re28383").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/08 17:51
S52	38	("2512083"   "2966253"   "3077264"   "3166312"   "3217859"   "3222110"   "3305128"   "3330403"   "3397922"   "3404921"   "3419015"   "3465869"   "3707217"   "3853016"   "3885683"   "3921790"   "Re28383").PN. OR ("4311229").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/08 17:59
S54	189	(mail envelope postal flat) same ((guid\$3 deflect\$3 inject\$3) near2 (pneumatic blower ((fluid air) near2 (blast jet))))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/08 18:05
S55	440	(271/2).CQLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/08 18:06
S56	332515	(handl\$3 insert\$3 guid\$3 deflect\$3 sort\$3 process\$3 feed\$3 inject \$3) same (pneumatic blow\$3 ((fluid air) near2 (blast jet)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/08 18:07
S57	14	S55 and S56	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/08 18:07
S58	3123		US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/09 10:15

S59	5	"519752".AP.	US-PGPUB;	OR	ON	2006/06/09
			USPAT; EPO; JPO; DERWENT;			11:12
	1		IBM_TDB	1	l .	Ì
S60	2	("20020017481").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/09 11:12
S61	3130	((271/2,194,207) or (209/584,44.2,644,623,900,922,932) or (414/269,272)).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/29 17:07
S62	1897	((271/2,194,207) or (209/44.2,644)).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/29 17:04
S63	2813	((271/2,72,211,220,314) or (209/584,623,900,922,932) or (414/269,272)).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/29 17:04
S64	394	(209/44.2,644).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/29 17:05
<b>S</b> 65	32	963 and 964	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/29 17:05
S66	8	("3215271").URPN.	USPAT	OR	ON	2006/09/29 17:06
<b>S</b> 67	80	((mail envelope document postal flat) near3 (handl\$3 insert\$3 sort\$3 process\$3 feed\$3)) same (pneumatic blower ((fluid air) near2 (blast jet))).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/29 17:09
S68	4	S61 and S67	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/29 17:14
S69	73	B65h005/\$22.fipc.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/29 17:15
S70	464	198/370.01, "370.03", "370.05"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/25 13:41
S71	22	((mail envelope document postal flat) near3 (handl\$3 insert\$3 sort\$3 process\$3 feed\$3)) same ((receptacle bin container pocket carrier) and ((guid\$4 deflect\$4) near3 (felt cloth cushion flex\$4)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/25 13:45
S72	356	198/370.01, "370.03", 370.05271/2,194,207 209/584,44.2,644,623,900,922,932	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/25 13:42

S73	3351	((198/370.01,370.03,370.05) or (271/2,72,211,220,314) or	US-PGPUB;	OR	OFF	2006/11/25
0,0	5551	((209/584,44.2,644,623,900,922,932)).CCLS.	USPAT; EPO; JPO; DERWENT; IBM_TDB			13:42
S74	8530	((guid\$4 deflect\$4) near3 (felt cloth cushion flex\$4)).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/25 13:46
<b>S</b> 75	20	S73 and S74	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/25 13:46
S76	14	("3087724"   "3139278"   "3595565"   "4251000"   "4640505"   "4732375"   "4964627"   "5094660").PN. OR ("5199700").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/25 13:48
S77	27	("3464529"   "3489258"   "3918701"   "4121716"   "4223751"   "4223885"   "4441702"   "4453870"   "4576287"   "4591145"   "4640505"   "4789149"   "4864124"   "5011128"   "5062622"   "5145165"   "5199700"   "5415387"   "5518102"   "5599014"). PN. OR ("6065746").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/25 13:56
S78	10	("3079151"   "3793950"   "4223885"   "4251000"   "4640505"). PN. OR ("4789149").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/25 13:58
S79	11	("3139278").URPN.	USPAT	OR	ON	2006/11/25 14:00
S80	17	("3087724").URPN.	USPAT	OR	ON	2006/11/25 14:01
S81	9	("2991999"   "3087724"   "5419545"   "5522589"   "5711520"). PN. OR ("6065748").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/25 14:03
S82	626	(mail envelope sheet document postal flat) and ((guid\$3 deflect \$3 feed\$3) near2 (pneumatic blower ((fluid air) near2 (blast jet)))).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/25 14:04
S83	3	S73 and S82	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/25 14:04
S84	19	("20030132142"   "20060070928"   "4352430"   "5350118"   "5398818"   "5966217"   "6060677"   "6313422"   "6144004"). PN.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/16 13:08
<b>S</b> 85	8	"591507".ap.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/16 13:08
S86	1659	(209/44.2,639,644,695,522,524,576,577,580).CCLS.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/06/16 13:16
<b>S</b> 87	23026	(nozzle jet blast) near3 (array (two near3 dimensional))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/16 13:17
S88	8181	(separat\$3 sort\$3 eject\$3) same (nozzle jet blast) near3 (array (two near3 dimensional))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/16 13:18

S89	28	S86 and S88	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/16 13:18
S90	8	("4718558"   "4909930"   "5555984"   "6060677"   "6068106"). PN. OR ("7262380").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/16 13:21
S91	46	("3650396"   "3782544"   "4057146"   "4076979"   "4077871"   "4252240"   "4352430"   "4513868"   "4630736"   "4657144"   "4699273"   "4909930"   "5101101"   "5135114"   "5215772"   "5241171").PN. OR ("5555984").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/16 13:23
S92	461	(joseph near2 rodriguez)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/16 13:24
S93	21	S86 and S92	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/16 13:24
S94	22	("20020030707"   "20040125371"   "20050173313"   "3380584"   "3976862"   "4184766"   "4606232"   "4609108"   "4639311"   "4793832"   "4848590"   "5413222"   "5628411"   "5779058"   "5967332"   "6078018"   "6260712"   "6497324"   "6532067"   "6646218").PN. OR ("7410063").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/16 13:25
S95	33	("3993899"   "4131540"   "4631675"   "4657144"   "4669878"   "4699510"   "4812904"   "4919534"   "4959538"   "5085325"   "5223312"   "5233186"   "5297667"   "5314072"   "5317656"   "5318172"   "5333739"   "5442446"   "5443164"   "5512758"   "5516227"   "5675416"   "5848706"   "5884775"   "5926262"   "5966217"   "6060677"   "6212962").PN. OR ("6497324").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/16 13:30
S96	38	("3472375"   "3581888"   "3977526"   "4352430"   "4561545"   "4657144").PN. OR ("4909930").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/16 14:18
S97	15	("3980180"   "5141110"   "5260576"   "5590791"   "5628409"   "5794788"   "6060677").PN. OR ("6313422").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/16 19:08
S98	40511	(nozzle jet blast pneumatic) near3 (block array (two near3 dimensional))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/16 19:12
S99	10659	(separat\$3 eject\$3 sort\$3) same (nozzle jet blast pneumatic) near3 (block array (two near3 dimensional))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/16 19:12
S100	119	S99 and ("209"/\$.cds. "198"/\$.ccls. "414"/\$.ccls.)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/16 19:12

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